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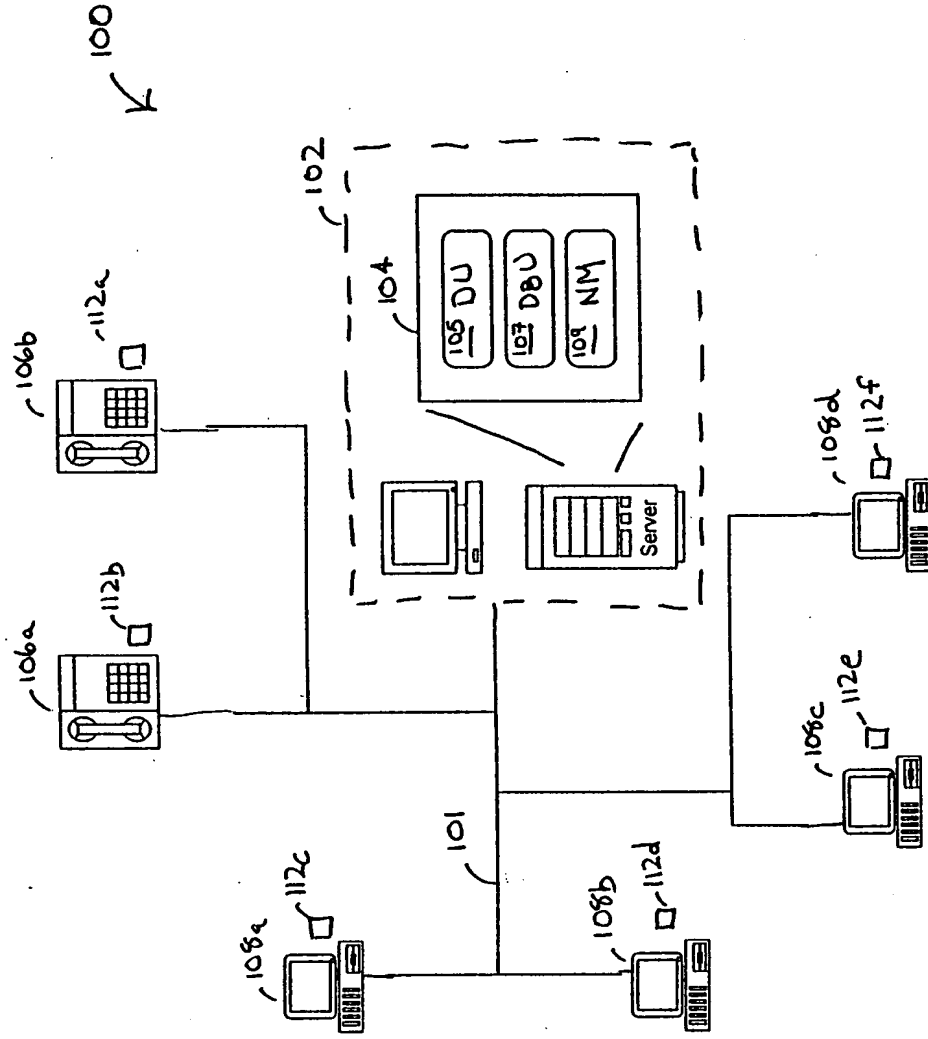


FIG. 1

65T260" 206666E60

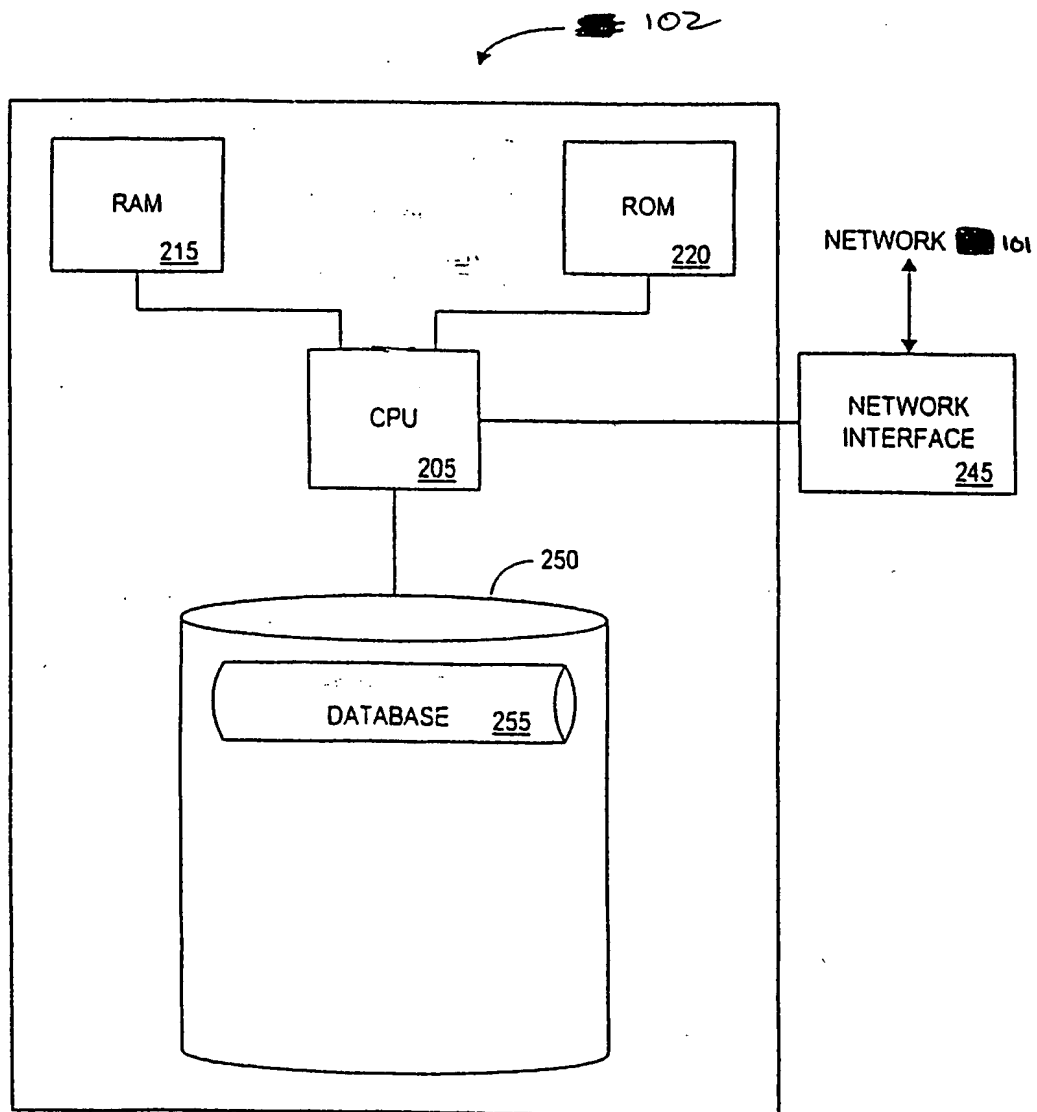


FIG. 2

667260*20060506

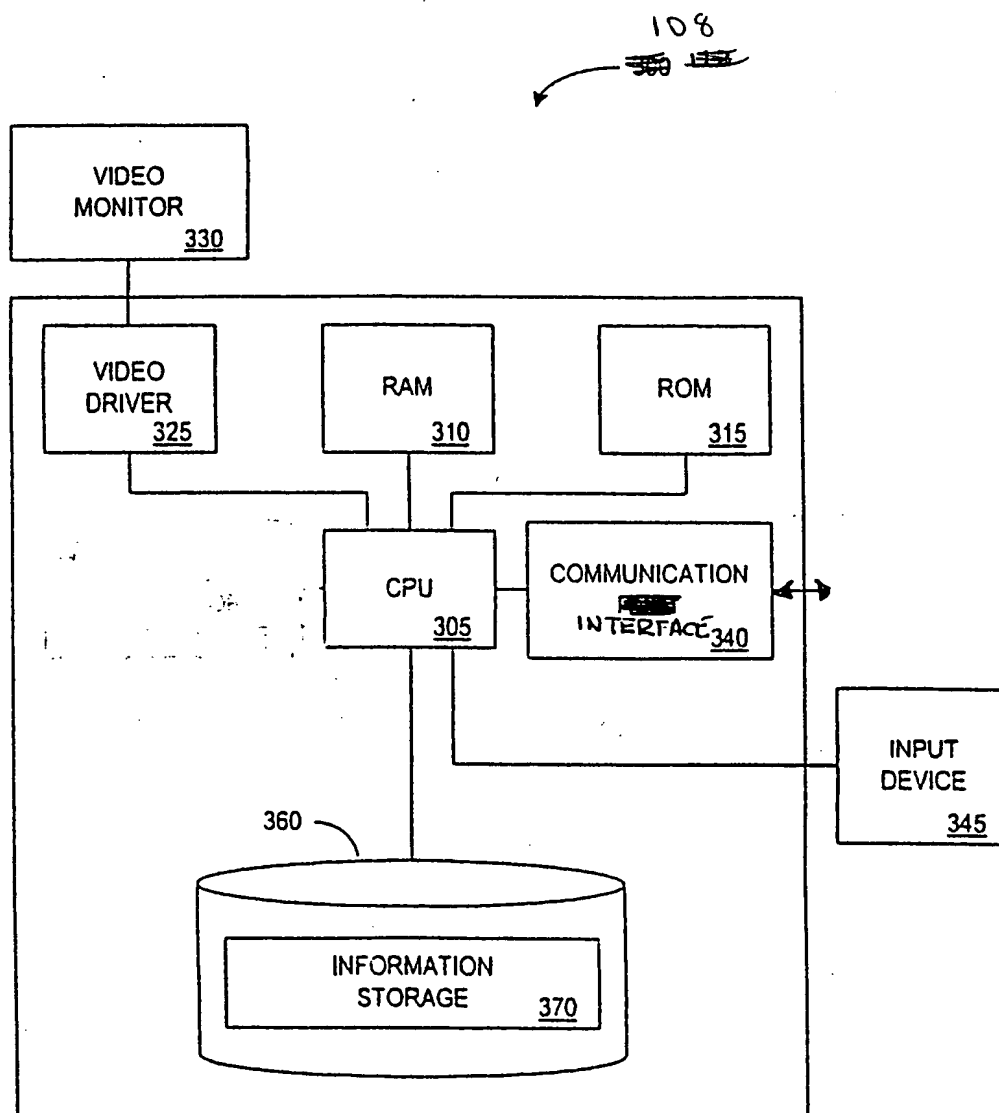


FIG.3

667260 20060606

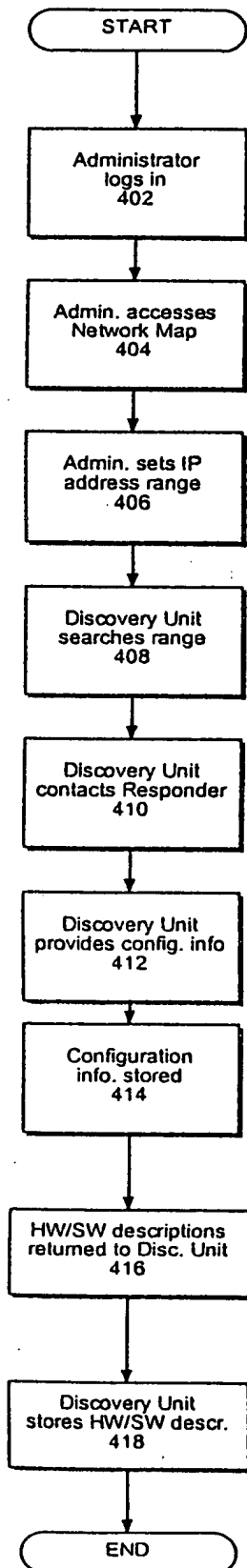


FIG. 4

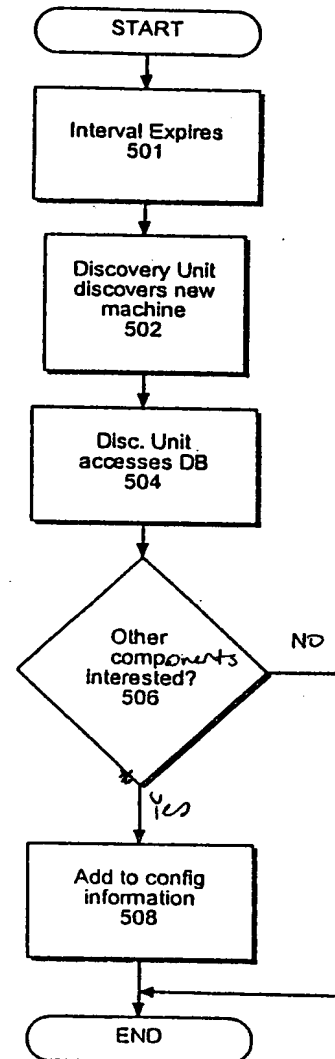


FIG. 5

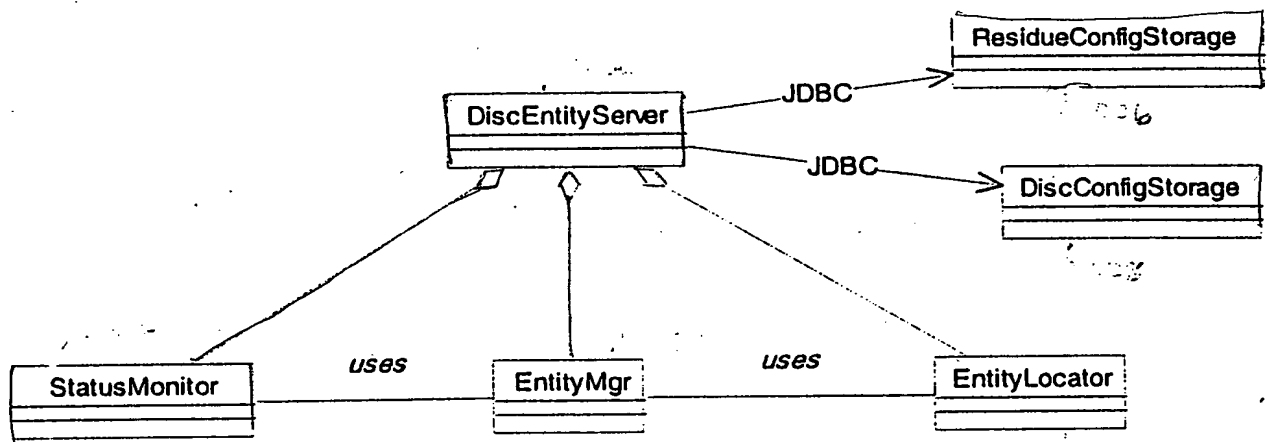
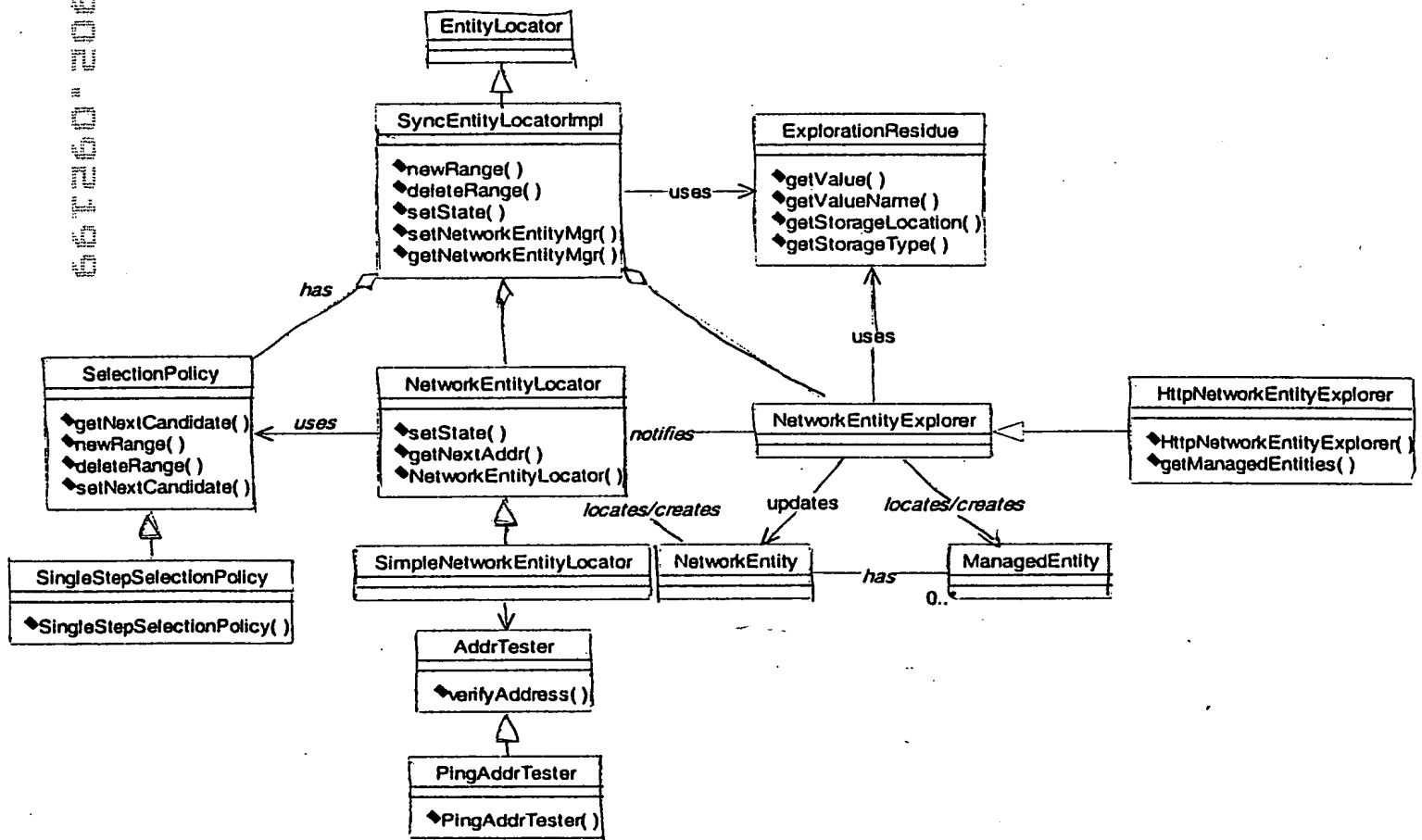


Figure 6: High Level Classes in DiscApplication

FIG. 6



EntityLocator Implementation

FIG. 7

661260" 20060606

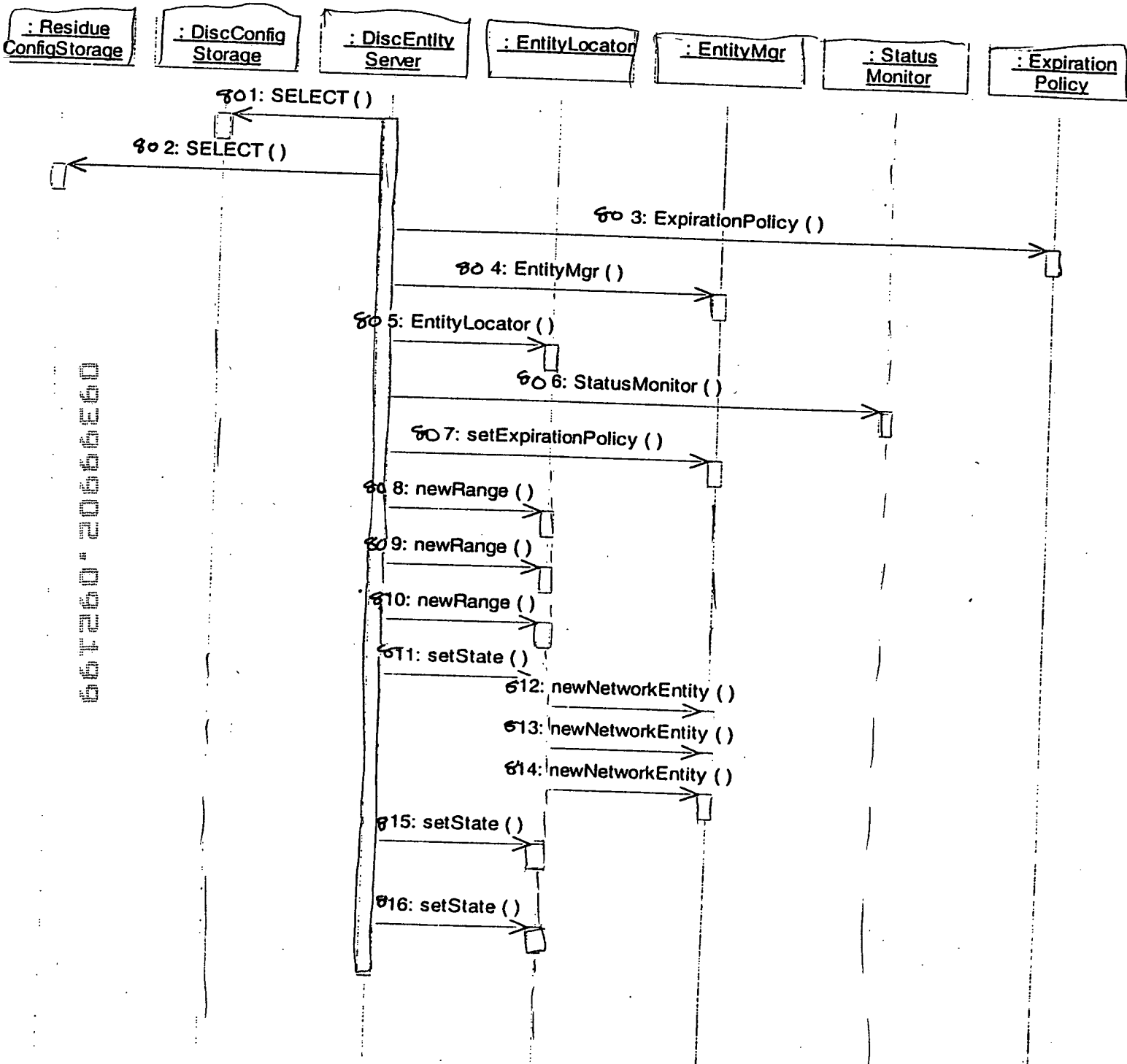


Fig. 8

Starting and running the DiscEntityServer

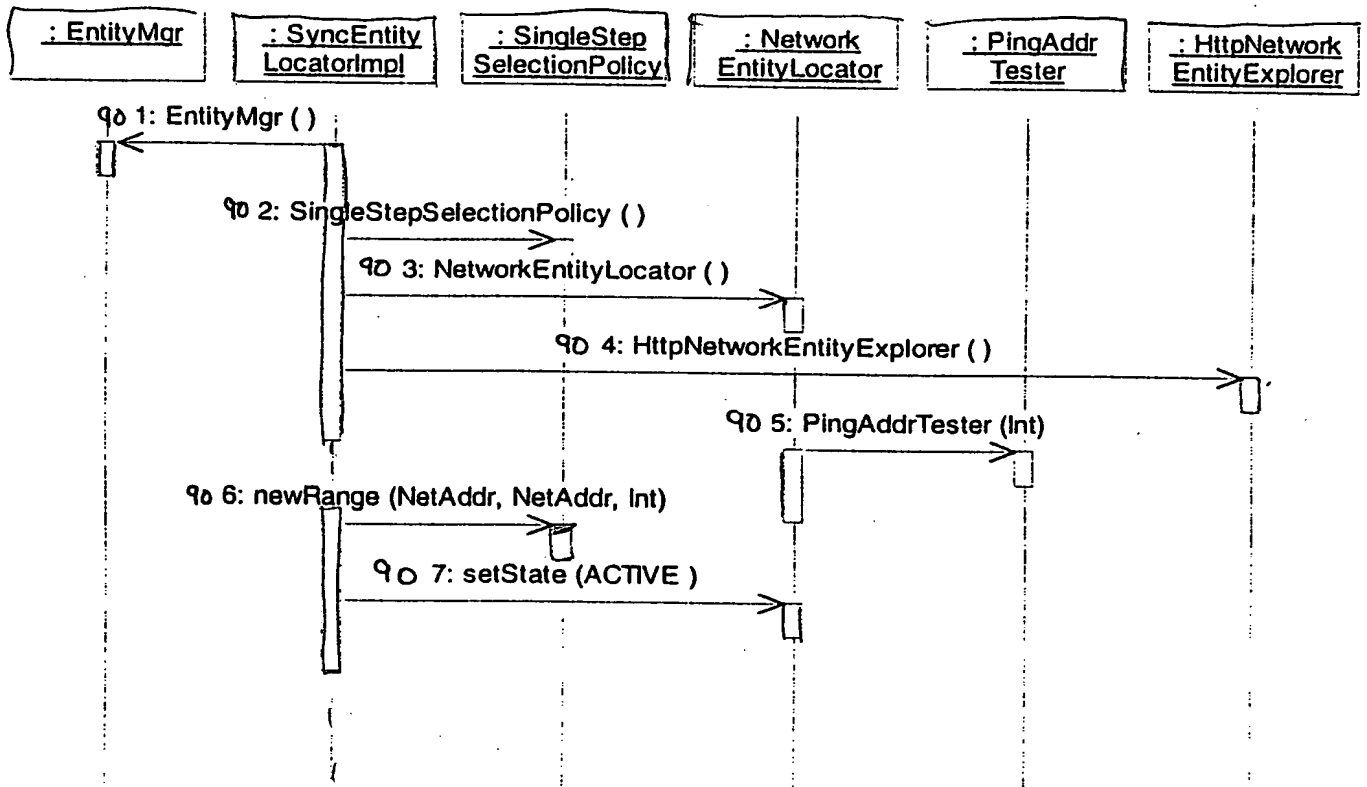


Figure 9 Initialization of the EntityLocator

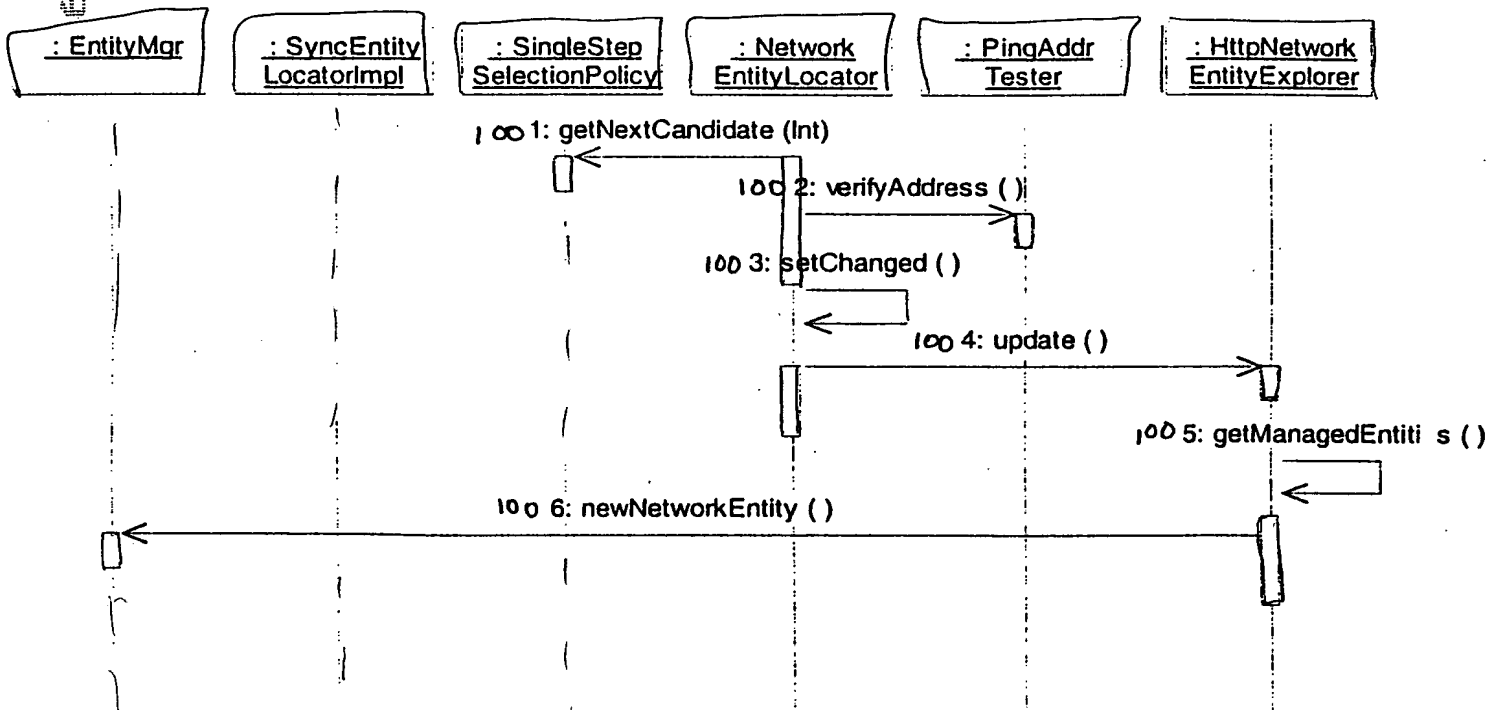


Figure 10 An Iteration in the Location Process

66T260" 20666E60

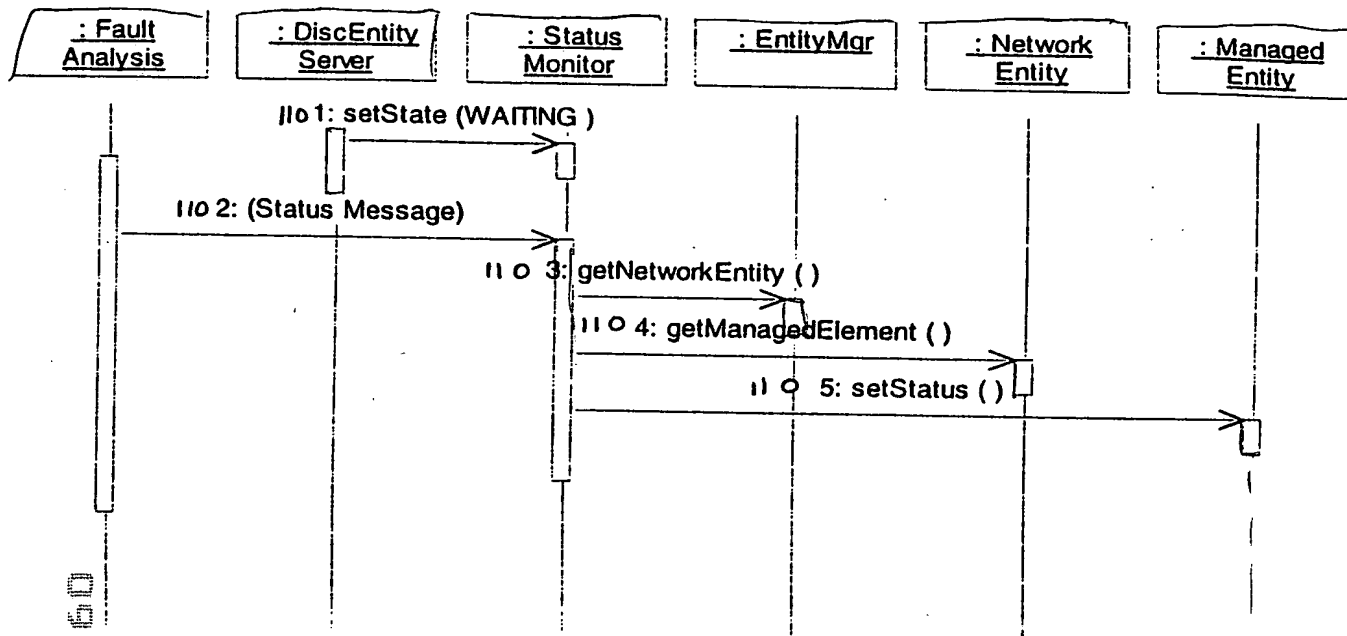


Figure 11: StatusMonitor

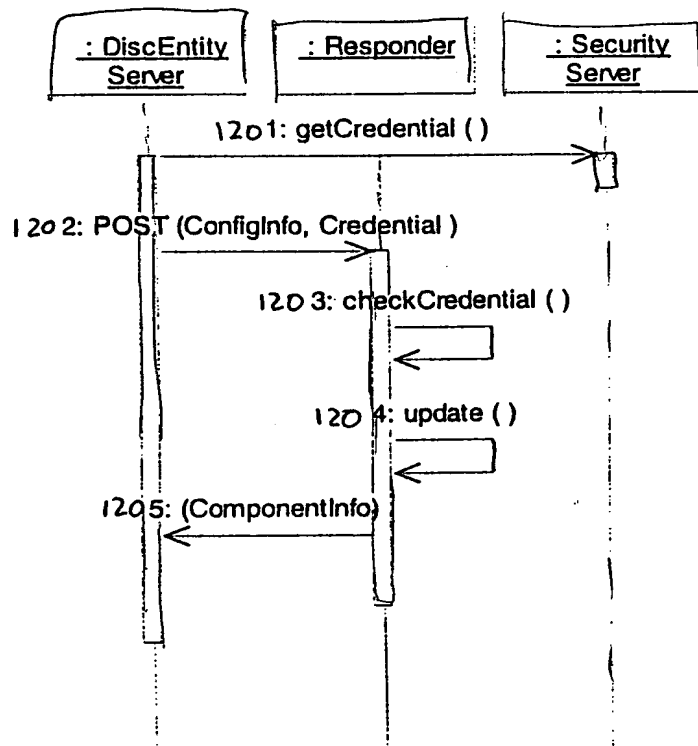


Figure 12: Discovering and Updating a Responder

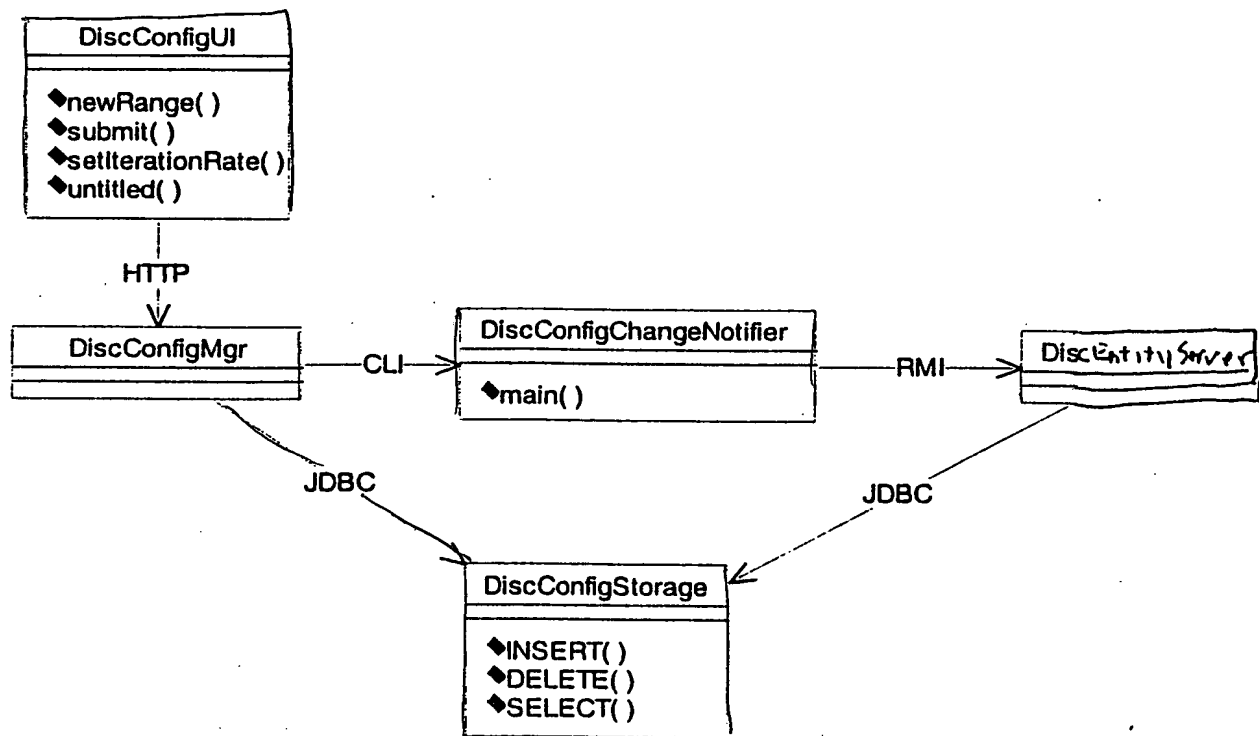


Figure 13. DiscConfig communication methods

13

09399901 092199
66T260" 20666E60

667260-20666E60

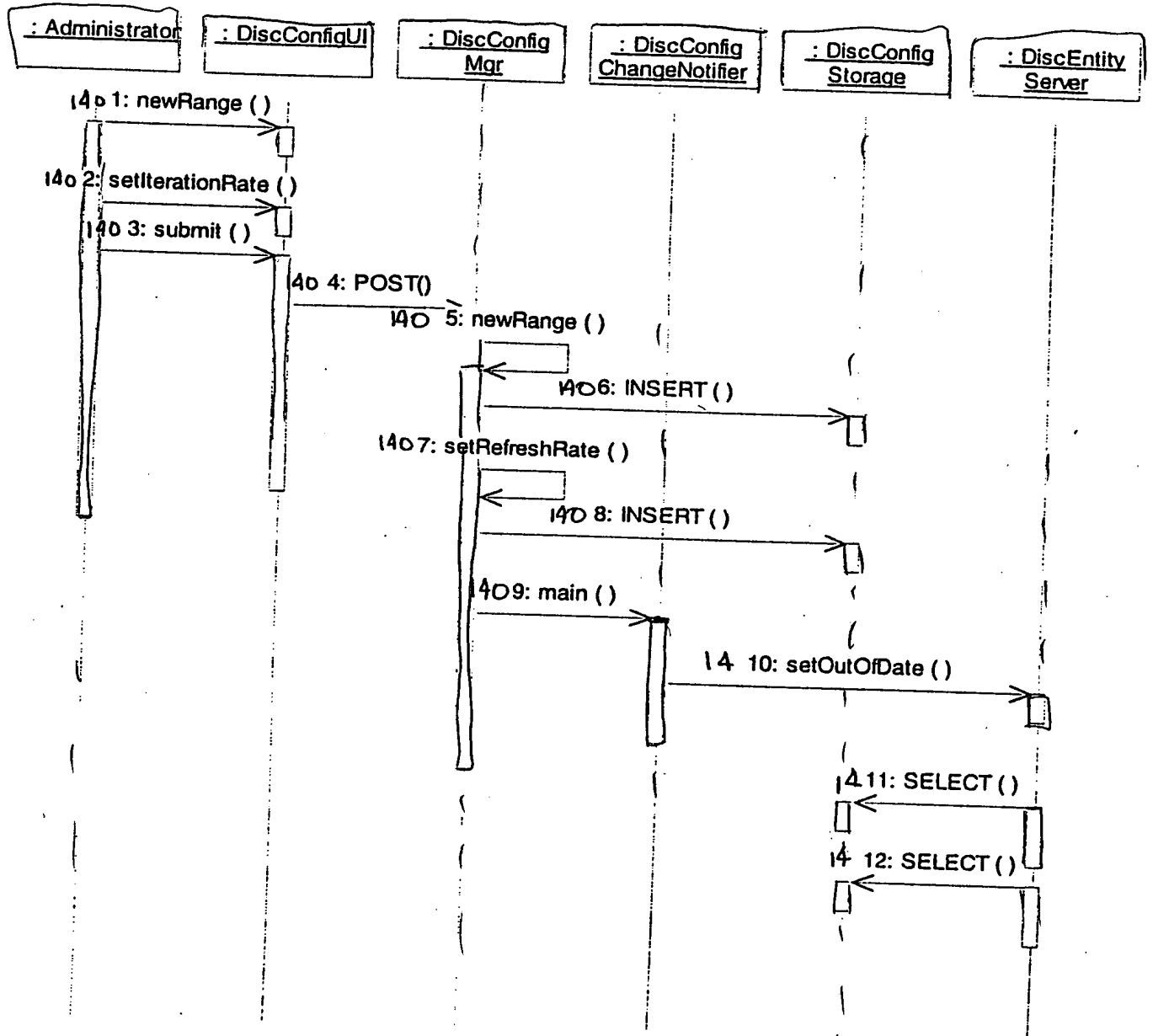


Figure 12. Changing the configuration values
14

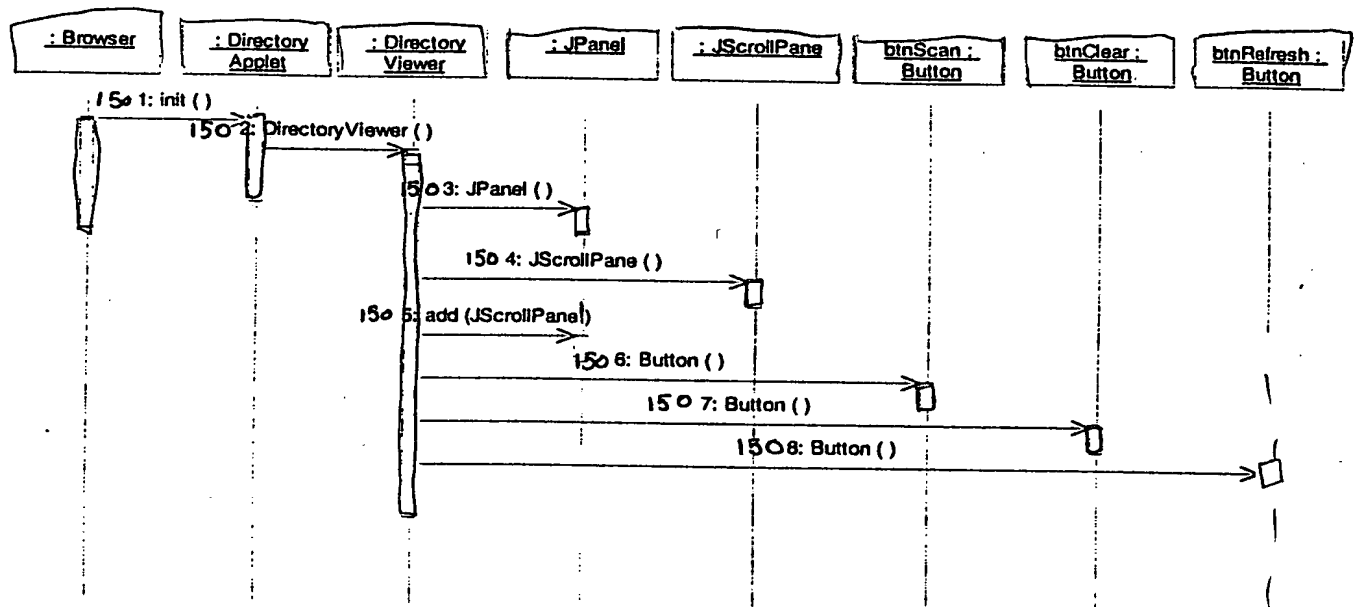


Figure 13 GUI initialization

15

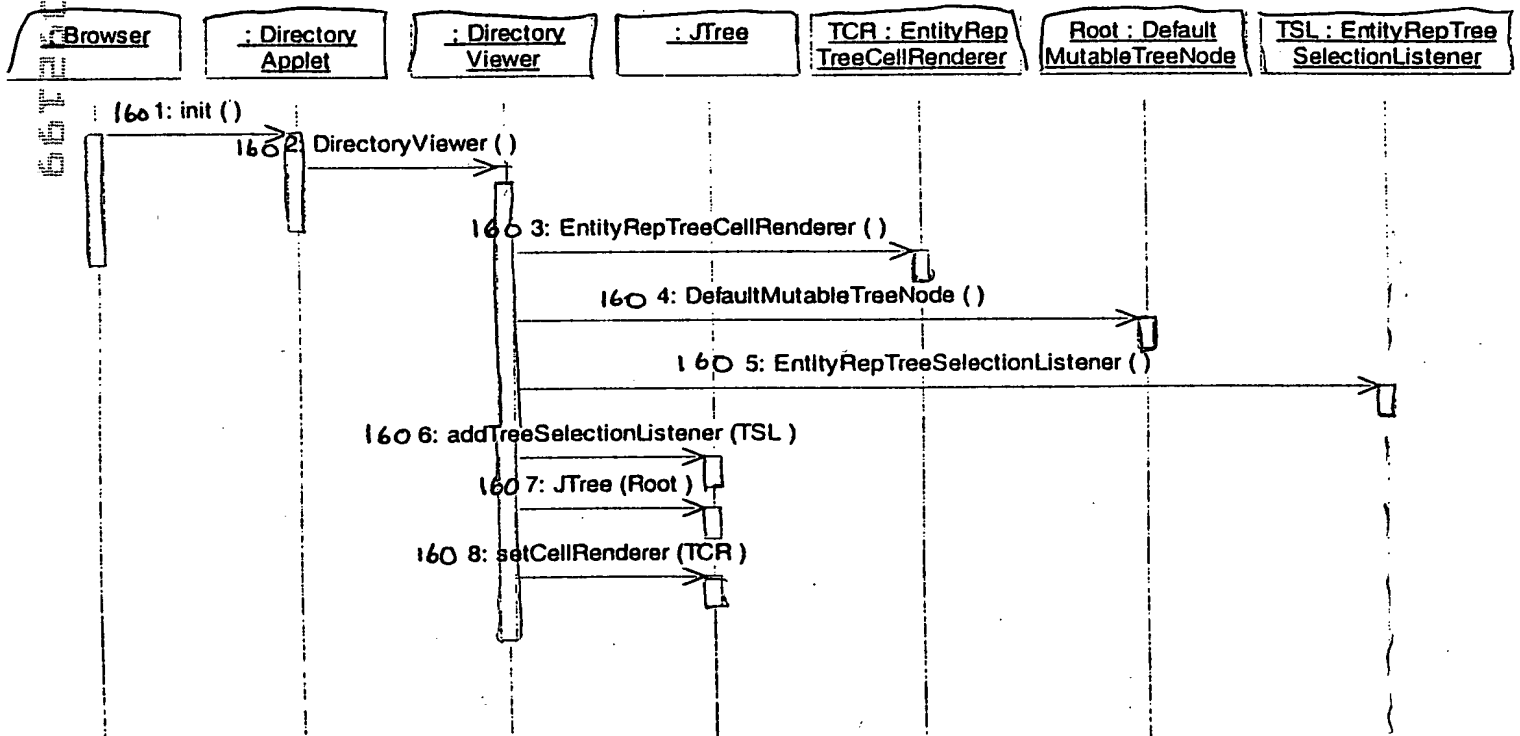


Figure 14 Directory Initialization

16

66720" 20666E60

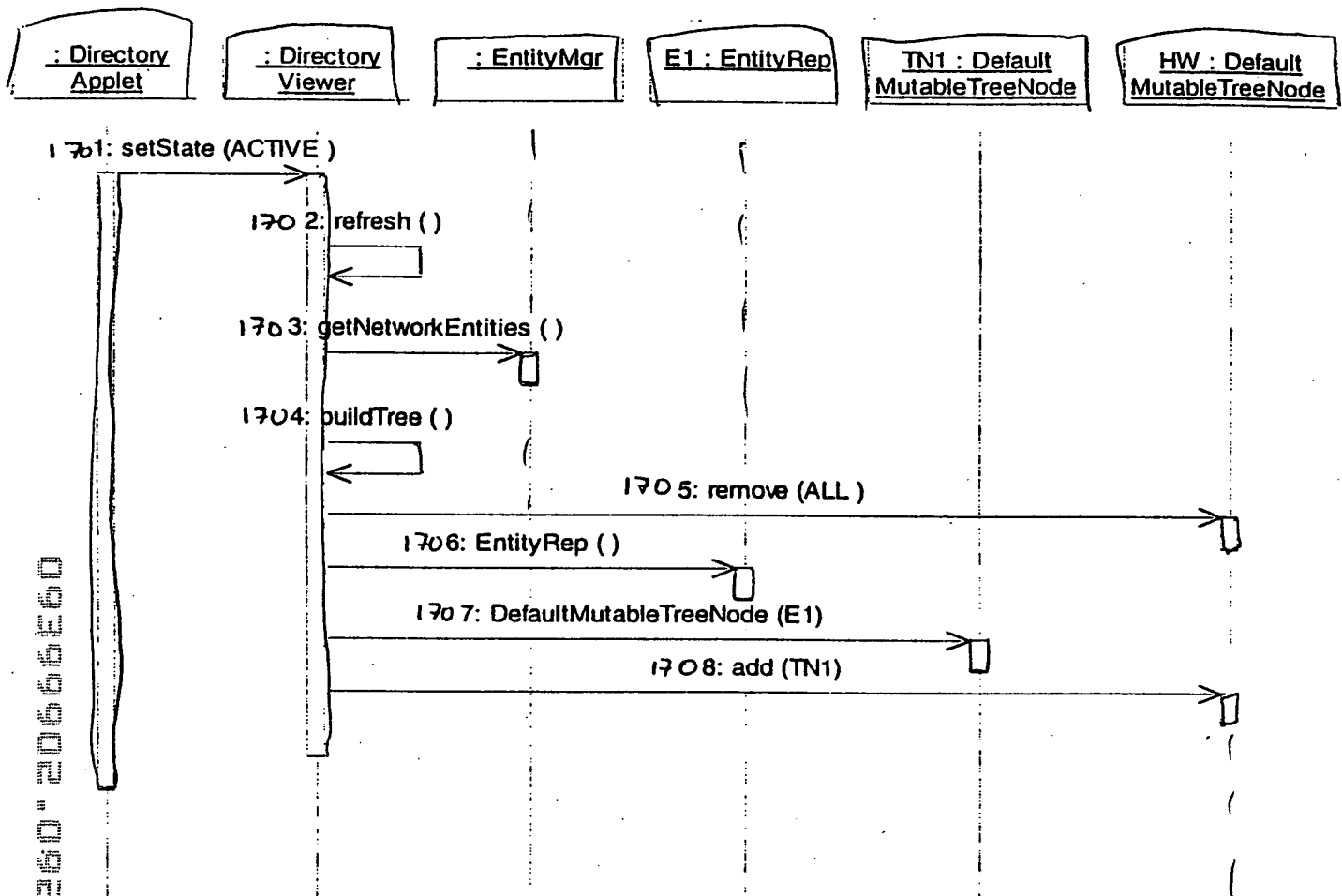


Figure 17 Building the Directory
17

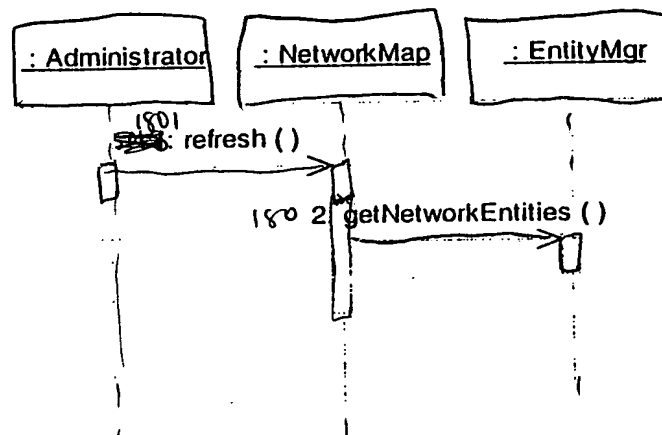


Figure 18A Fetching the list of NetworkEntities
18A

66T260" 20666E60

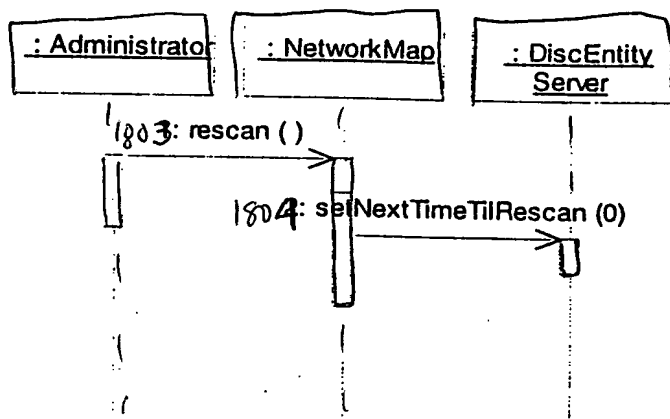
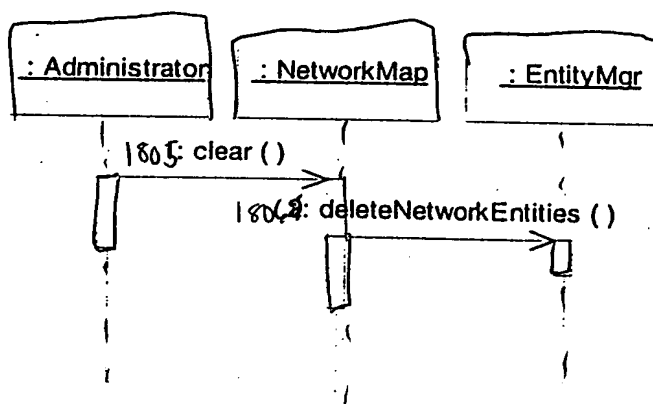


Figure 18B Telling the DiscEntityServer to Rescan the network



18c

Figure 18c Clearing the storage of all found NetworkEntities

5000

5000 5000 5000 5000

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SIEMENS 5006 HiNet RC 3000 Management 5004

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IP Address: 165.218.33.89
Hostname: gonefishing.eng.sc.rolm.com
Administrative Links:

View Events
Access Configuration

Commands

Refresh Immediately refreshes the view of the map.
Rescan Forces an immediate rescan of the network
Status: Scanning ...

5019 5008

5020

5022

5006

5004

5016a

Server Software

H.323 Clients

proxy1's HiNet RC3000 Client

alexglazov's HiNet RC3000 Client

markc's HiNet RC3000 Client

HiNet RC3000 Client

eddiel's HiNet RC3000 Client

samsonw's HiNet RC3000 Client

suneelha's HiNet RC3000 Client

user1's HiNet RC3000 Client

Login / Logout

View Network

- View Map
- Current Users
- Current Calls

View Events

System Administration

- Configure Network
- General System
- Emergency Alias
- Dialing Prefixes
- License Admin

User Administration

- List Users

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Fig. 19B

06T26X5000

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Login / Logout

View Network

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- Current Users
- Current Calls

View Events

System Administration

- Configure Network
- General System
- Emergency Alias
- Dialing Prefixes
- License Admin

User Administration

- List Users

Directory

Summary

Type:	Central Event Viewer
Status:	Normal
IP Address:	165.218.33.89
Hostname:	gonefishing.eng.sc.rolm
Administrative Links:	View System Events

Commands

[Refresh](#) Immediately refreshes the view

Fig. 19c

5000 20000000

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HiNet RC 3000 Management

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Summary

Type: Windows NT 4.0

Status: Available

IP Address: 165.218.33.89

Hostname: gonefishing.eng.sc.rolm

Administrative Links: View Events

Commands Refresh Immediately refreshes the view c

Directory

Hardware View

5010a

gonefishing.eng.sc.rolm.com

5010b

ucdavis.eng.sc.rolm.com

5010c

allima2.eng.sc.rolm.com

oxygen.eng.sc.rolm.com

akia.eng.sc.rolm.com

alios.eng.sc.rolm.com

linlin.eng.sc.rolm.com

gridwood.eng.sc.rolm.com

chin.eng.sc.rolm.com

Login / Logout

View Network

View Map

Current Users

Current Calls

View Events

System Administration

Configure Network

General System

Emergency Alias

Dialing Prefixes

License Admin

User Administration

List Users

Document Done

Fig. 19D

5000

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Login / Logout

View Network

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- Current Users
- Current Calls

View Events

System Administration

- Configure Network
- General System
- Emergency Alias
- Dialing Prefixes
- License Admin

User Administration

- List Users
- Create User
- User Defaults
- Admin Self

Home Page

Help

Current IP address ranges 5050

139.82.10.42	-	139.82.10.42	
165.218.32.117	-	165.218.32.117	
165.218.32.131	-	165.218.32.131	
165.218.32.27	-	165.218.32.27	

Remove 5070 Remove All 5072 5054

Add IP Range 5052

Start of Range:

End of Range:

Clear Add

Runtime Configuration

Minutes between automatic rescans:

Days until old components are removed:

Set Reset

Actions 5056

Rescan (w/o Clear)

Rescan (w/ Clear)

Pause

Status Messages

5058

Document: Done